

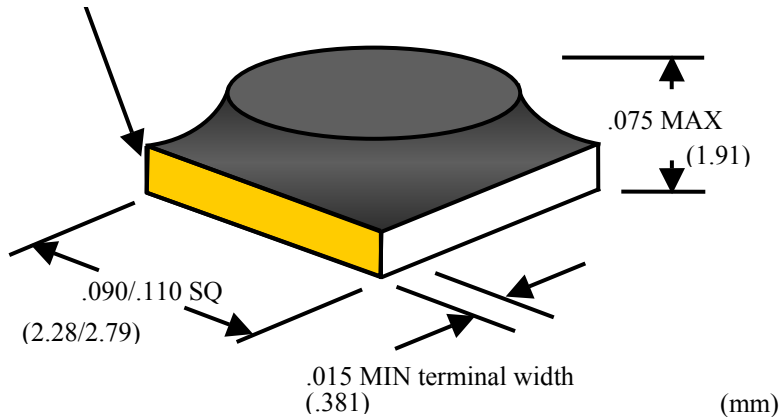
GOWANDA

SMRF1010 SERIES

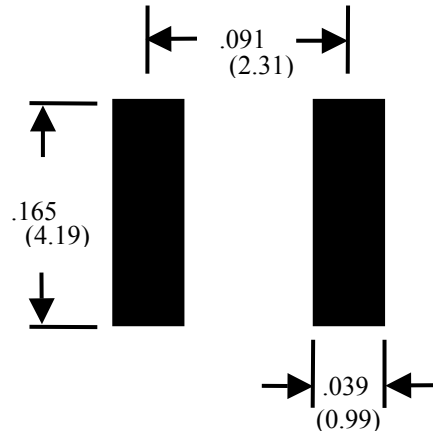
SURFACE MOUNT CHIP INDUCTOR

Mil-C-83446/4 (Reference)

Wrap around
Gold Plated Termination
on Ceramic Base



Recommended Foot Print



PART NUMBER	L μ H	Q MIN	TEST FREQ MHz	SRF MHz MIN	DCR MAX	*CURRENT RATING mA	CORE MATERIAL
SMRF1010-120K	.12	30	25	750	.125	880	F E R R I T E
SMRF1010-150K	.15	25	25	650	.175	745	
SMRF1010-180K	.18	25	25	550	.200	695	
SMRF1010-220K	.22	25	25	450	.220	665	
SMRF1010-270K	.27	25	25	375	.230	650	
SMRF1010-330K	.33	25	25	300	.235	645	
SMRF1010-390K	.39	22	25	235	.240	635	
SMRF1010-470K	.47	22	25	215	.260	610	
SMRF1010-560K	.56	22	25	195	.278	590	
SMRF1010-680K	.68	22	25	175	.520	435	
SMRF1010-820K	.82	22	25	160	.530	430	
SMRF1010-101K	1.0	22	25	145	.540	425	
SMRF1010-121K	1.2	22	7.9	130	.740	360	
SMRF1010-151K	1.5	22	7.9	115	.840	340	
SMRF1010-181K	1.8	22	7.9	105	.920	325	
SMRF1010-221K	2.2	22	7.9	85	1.00	310	
SMRF1010-271K	2.7	24	7.9	77	1.15	290	
SMRF1010-331K	3.3	24	7.9	70	1.40	260	
SMRF1010-391K	3.9	24	7.9	68	1.55	250	
SMRF1010-471K	4.7	24	7.9	60	1.80	230	
SMRF1010-561K	5.6	22	7.9	55	2.00	220	
SMRF1010-681K	6.8	22	7.9	50	2.20	210	
SMRF1010-821K	8.2	22	7.9	48	2.50	195	
SMRF1010-102K	10	24	7.9	40	3.45	165	
SMRF1010-122K	12	25	2.5	35	3.80	160	
SMRF1010-152K	15	25	2.5	30	5.60	135	
SMRF1010-182K	18	25	2.5	28	5.80	130	
SMRF1010-222K	22	25	2.5	25	6.40	125	
SMRF1010-272K	27	25	2.5	22	6.90	120	

*Current rating based on a 35°C temperature rise and a 90°C ambient.